



Bearing No. 6330/HC5C3S0VA970

D	320 mm
d	150 mm
B	65 mm
Bore	5.906 Inch 150 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Snap Ring	No
Size (mm)	320x150x65
Enclosure	Open
Inventory	0.0
Width (mm)	65
Weight / LBS	45.489
Mass bearing	20.5 kg
D ₁	263.4 mm
Product Group	B00308
d ₁	205.6 mm
Inch - Metric	Metric
Cage Material	Steel
Keyword String	Ball
Other Features	Deep Groove Hybrid Silicon Nitride Rolling Element Wind Turbine Application
Bearing number	6330/HC5C3S0VA970
Limiting speed	3200 r/min
Precision Class	ABEC 1 ISO P0
Reference speed	6000 r/min
Rolling Element	Ball Bearing
Outside Diameter	12.598 Inch 320

	Millimeter
Outer Race Width	2.559 Inch 65 Millimeter
Long Description	150MM Bore; 320MM Outside Diameter; 65MM Outer Race Width; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; Silicon Nitride Rolling Element Electrical Insulated Internal Special F
Manufacturer URL	http://www.skf.com
Inner Race Width	0 Inch 0 Millimeter
Weight / Kilogram	0
Manufacturer Name	SKF
Bore Diameter (mm)	320
d_a min.	167 mm
r_a max.	3 mm
Internal Clearance	C3-Loose
D_a max.	303 mm
Outer Diameter (mm)	150
D_a - max.	303 mm
$r_{1,2}$ min.	4 mm
r_a - max.	3 mm
Minimum Buy Quantity	N/A
d_a - min.	167 mm
d_1 ?	205.6 mm
D_1 ?	263.4 mm
Harmonized Tariff Code	8482.10.50.68
Manufacturer Item Number	6330/HC5C3S0VA970
Internal Special Features	Silicon Nitride Rolling Element Electrical Insulated

Basic dynamic load rating C	286 kN
Basic dynamic load rating - C	276 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	7.8 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.9
Fatigue load limit - P_u	7.8 kN
Calculation factor - k_r	0.03
Calculation factor - f_0	13.9
Basic static load rating C_0	285 kN
Basic dynamic load rating - effective C	303 kN
Basic static load rating - C_0	285 kN
Basic static load rating - effective C_0	306 kN
Basic dynamic load rating - effective - C_{eff}	289 kN
Basic static load rating - effective - $C_{0\ eff}$	306 kN